



## K-PLUS 8600 CP

**Description :** EMC-compliant power supply and control single wire cable with PVC insulation and PUR outer-sheath. 600/1.000 V. Working voltage.

**Design:**



**Construction :** Extra Flexible bare copper conductors according to CEI 20-29 Class 6, DIN-VDE 0295 K6 and IEC 60228 Cl.6  
 Reinforced PVC Insulation compound type **TI1** according to CEI 20-11 and VDE 0207  
 Black cores or green yellow core.  
 Nonwoven tape over the outer layer  
 Tinned copper screening with coverage 85% ± 5%  
 Special flame retardant PUR outer sheath, matt and low adhesive surface

**Manufacturing's Controls:** Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.  
 Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

**Norms :** Flame retardant, according to IEC 60332-1.  
 Oil Resistant according EN 60811-1-2:1995  
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

**Technical dates :**

- Nominal voltage : 600/1.000V
- Spark Test voltage : 5000 V
- Working temperature : Flexing: -5°C to +70°C  
 Fixed installation: -40°C to +80°C
- Minimum bending radius : For flexible use: 8 x outer Ø  
 Fixed installation: 4 x outer Ø

**Use :** These power single core cables are especially suitable for export-orientated machinery. In power chains or moving machine parts. This cable can substitute multi-core power cables where space requirements or minimum bending radii cause problems.  
 Designed for 3 million alternating bending cycles and horizontal travel distances up to 10 meter.  
 It can be used also in fix or occasional flexing installation, in dry, damp and wet interiors (including water-oil mixtures).